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means for storing input data, which can require authorization for use;

means for preparing data to create prepared data by linking the input data to/embedding the input data in the data using a compound document programming technique to generate information of the input data and to append the generated information to the prepared data;

means for utilizing the linked/embedded input data by displaying the prepared data and the linked/embedded input data;

judging means for judging, using the generated information, whether the linked/embedded input data requires authorization for use; and

means for preventing storage of the linked/embedded input data in another storage means to prevent unauthorized use of the linked/embedded input data if the linked/embedded input data is judged to require authorization for use.

2. (FOUR TIMES AMENDED) The data protection system as claimed in claim 1, further comprising:

means for executing a cut and paste function with respect to the linked/embedded input data in the prepared data; and

means for preventing the cut and paste function to prevent unauthorized use of the linked/embedded input data when the linked/embedded input data requires authorization for use.

3. (FOUR TIMES AMENDED) The data protection system as claimed in claim 1, wherein said judging means includes means for judging whether the linked/embedded input data in the prepared data is encrypted that can be decoded by a predetermined decoding key; and

means for determining whether the linked/embedded input data requires authorization for use when the linked/embedded input data is encrypted.

4. (FOUR TIMES AMENDED) A data protection system for protecting input data requiring authorization for use against unauthorized use when the input data is processed, comprising:

means for storing input data, which can require authorization for use;

means for preparing data to create prepared data by linking the input data to/embedding the input data in the data using a compound document programming technique;

judging means for judging whether the linked/embedded input data requires authorization for use;

E1 ^{part 71}
means for preventing storage of the linked/embedded input data in another storage
means during processing of the linked/embedded input data in the prepared data when said
linked/embedded input data has been judged to require authorization for use; and
storage means for storing process information indicating what kind of processing has
been performed on the linked/embedded input data during the processing.

E2 ^{part 72}
5. (THREE TIMES AMENDED) The data protection system as claimed in claim 4,
wherein said judging means includes means for judging whether the linked/embedded input data
is encrypted that can be decoded by a predetermined decoding key; and
means for determining whether the linked/embedded input data requires authorization for
use when the linked/embedded input data is encrypted.

E3 ^{part 73}
6. (FOUR TIMES AMENDED) The data protection system as claimed in claim 4, wherein
the process information is differential data indicating a difference between the linked/embedded
input data and the linked/embedded input data after the processing.

E4 ^{part 74}
7. (THREE TIMES AMENDED) The data protection system as claimed in claim 4, further
comprising:

means for displaying the linked/embedded input data and the process information as
added to the linked/embedded input data.

8. (THREE TIMES AMENDED) The data protection system as claimed in claim 4,
wherein said storage means for storing process information includes means for adding
information specifying the linked/embedded input data to the process information; and
means for storing the added information.

E5 ^{part 75}
9. (FOUR TIMES AMENDED) A data protection system for protecting input data
requiring authorization for use against unauthorized use, comprising:

means for storing input data, which can require authorization for use;
means for permitting distribution of the input data to data processing means;
means for preparing data to create prepared data by linking the input data to/embedded
the input data in the data using a compound document programming technique;
judging means for judging that the linked/embedded input data in the prepared data

requires authorization for use;

means for preventing storage of the linked/embedded input data in another storage

means during processing of the linked/embedded input data in the prepared data by the data

processing means when said linked/embedded input data has been judged to require authorization for use; and

storage means for storing process information indicating what kind of processing has been applied by said data processing means.

12. (FOUR TIMES AMENDED) A data preparation device, comprising:

means for preparing data to create prepared data by linking input data to/embedding the input data in the data using a compound document programming technique to generate information of the input data and to append the generated information to the prepared data, the input data requiring authorization for use and input from a center permitting use of the input data in exchange for a charge ; and

means for utilizing the linked/embedded input data by displaying the prepared data and the linked/embedded input data.

13. (FOUR TIMES AMENDED) The data preparation device as claimed in claim 12, further comprising:

judging means for judging whether there is a license for utilizing the utilized linked/embedded input data in the prepared data; and

means for permitting the utilized linked/embedded input data to be displayed on said display means when judged that there is the license.

15. (FOUR TIMES AMENDED) A data processing device, comprising:

means for permitting distribution to data processing means input data requiring authorization for use in exchange for a charge;

means for processing the input data, which requires authorization for use;

means for preparing data to create prepared data by linking the input data to/embedding the input data in the data using a compound document programming technique; and

storage means for storing process information indicating what kind of processing has been applied by said processing means to the linked/embedded input data in the prepared data.

16. (THREE TIMES AMENDED) The data processing device as claimed in claim 15,
further comprising:

judging means for judging whether there is a license for utilizing the linked/embedded
input data in the prepared data; and

means for permitting the processing of the linked/embedded input data when judged that
there is the license.

18. (THREE TIMES AMENDED) A data protection system for protecting input data
requiring authorization for use against unauthorized use when the input data is processed,
comprising:

an input unit inputting input data, which requires authorization for use;

a processing unit in communication with the input unit and applying processing to the
input data, which is linked to/embedded in prepared data according to a compound document
programming technique; and

a forbidding unit preventing storage of the the linked/embedded input data during the
processing of the linked/embedded input data.

20. (FOUR TIMES AMENDED) A data processing device, comprising:

a storage unit storing input data, which requires authorization for use;

a processing unit in communication with the storage unit and programmed to process the
input data, which is linked to/embedded in prepared data according to a compound document
programming technique, to produce differential data by comparing the processed
linked/embedded input data with the linked/embedded input data in the prepared data, and to
store the differential data in the storage unit.

22. (TWICE AMENDED) A system protecting input data requiring authorization for use
against unauthorized use during utilization of the input data requiring authorization for use,
comprising:

a storage unit storing input data, which can require authorization for use;

a preparation unit in communication with the storage unit and preparing data to create
prepared data by linking the input data to/embedding the input data in the data using a
compound document programming technique to generate information of the input data and to
append the generated information to the prepared data;

Sub 711
E11
a data display processing unit in communication with the preparation unit and utilizing the prepared data by displaying the prepared data including displaying the linked/embedded input data;

a judging unit in communication with the data display processing unit and using the generated information to judge whether the linked/embedded input data requires authorization for use; and

a control unit in communication with the judging unit and preventing storage of the linked/embedded input data in another storage unit to prevent unauthorized use of the linked/embedded input data if the linked/embedded input data is judged to require authorization for use.

Sub 712
E12
23. (ONCE AMENDED) A system protecting input data against unauthorized use during utilization of the input data, comprising:

a processor programmed to create a compound data with input data using a compound document standard, to display the compound data, including the input data, and to prevent storage of the input data to prevent unauthorized use of the input data in the compound data upon determining, using information of the input data, that the input data requires authorization for use.

REMARKS

In the Office Action mailed July 17, 2001, the Examiner rejected elected claims 1-3, 4-18, 20, 22-23 under 35 USC 112, first paragraph; and rejected elected claims 1-3, 4-18, 20, and 22-23 under 35 USC 103 as being unpatentable over Hasebe et al. (US Patent No. 5,392,351 - Hasebe #1) in view of Hasebe et al. (US Patent No. 5,761,651 - Hasebe #2) and further in view of Iwayama (US Patent No. 5,832,083).

The foregoing rejections are respectfully traversed.

In the Office Action mailed July 1, 2001 the Examiner noted that claims 1-23 were pending, and rejected elected claims 1-3, 4-18, 20, and 22-23. Claims 1-9, 12-13, 15-16, 18, 20, and 22-23 have been amended, and, thus, elected claims 1-18, 20, and 22-23 remain pending for reconsideration which is requested.

No new matter has been added in this Amendment.